

Work Order ID 161897

Tuesday, May 23, 2017 11:00:49 AM

161897

Page 1

Item ID: D5208-3 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Guide
 Start Date: 6/8/2017 Start Qty: 16.00 ***16*** Cust Item ID:
 Required Date: 6/22/2017 Req'd Qty: 16.00 ***16*** Customer:
 Reference:

Approvals: Process Plan: *[Signature]* **DAS 21 9-89** Date: **20170523** Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D5208	B								
100	FLOW WATER JET	0.00							
100									
Waterjet	Memo	0.67							
FLOW CNC Waterjet	1-Cut as per Dwg Dwg Rev: <i>[Signature]</i> Prog Rev: <i>[Signature]</i> 2-Deburr if necessary								
110	QC2- Inspect parts off machine FAI/FAIB	0.00							
110									
QC	Memo	0.16							
Quality Control									
120	QC8- Inspect parts - second check	0.00							
120									
QC	Memo	0.32							
Quality Control									

(16) *SC 17/06/06*

(16) *17/06/06*
17-06-00

16 **DAS 38 9-89**
JUN 06 2017

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																									
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐			
Misidentified ☐	Past Due ☐																																																																

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NS1

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NS2

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16

Cust Item ID:

Required Date: 6/22/2017 Req'd Qty: 16.00

16

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Form as per dwg
NC BRAKE

0.18

130

Brake NC

Memo

0.25

Brake NC

DAS
30
9-89

16

JUN 07 2017

140

QC5- Inspect part completeness to step on W/O

0.00

140

QC

Memo

0.32

Quality Control

DAS
38
9-89

16

JUN 07 2017

150

Identify as per dwg & Stock Location GA

0.00

150

Packaging

Memo

0.16

Packaging

DAS
6
9-89

16

JUN 09 2017

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	1.60							
Quality Control									

JUN 09 2017

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WORK ORDER NON-CONFORMANCE / UPDATE



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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

Tuesday, May 23, 2017 11:00:48 AM

Page 1

Work Order ID: 161897

161897

Parent Item: D5208-3

D5208-3

Parent Item Name: Guide

Start Date: 6/8/2017

Required Date: 6/22/2017

Start Qty: 16.00

Required Qty: 16.00

Comments: IPP REV:A 15.01.29 NEW ISSUE DD VERF:JLM IPP
REV:B 15.05.28 AS PER DWG REV.A DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S24GA		Purchased	No			100	sf	38.4700	0.066	1.111579			

M304S24GA

304/316 .025 Sheet

**

SC 17/06/16

Location

Loc Qty

Loc Code

MAT020

38.47

m135780

6.47

m136896

32

1.2

DQA: _____ Date: _____

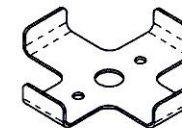


WORK ORDER NON-CONFORMANCE / UPDATE

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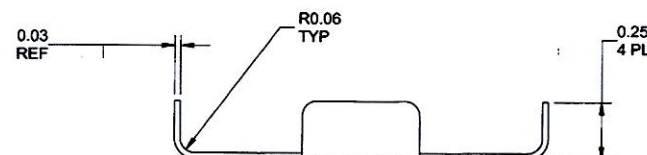
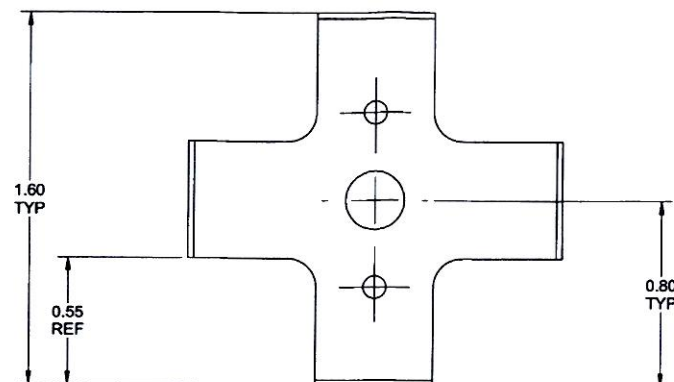
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Misidentified ☐	Past Due ☐																																																																



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 161397

20170523

RELEASED
2015 JUN 22 AR



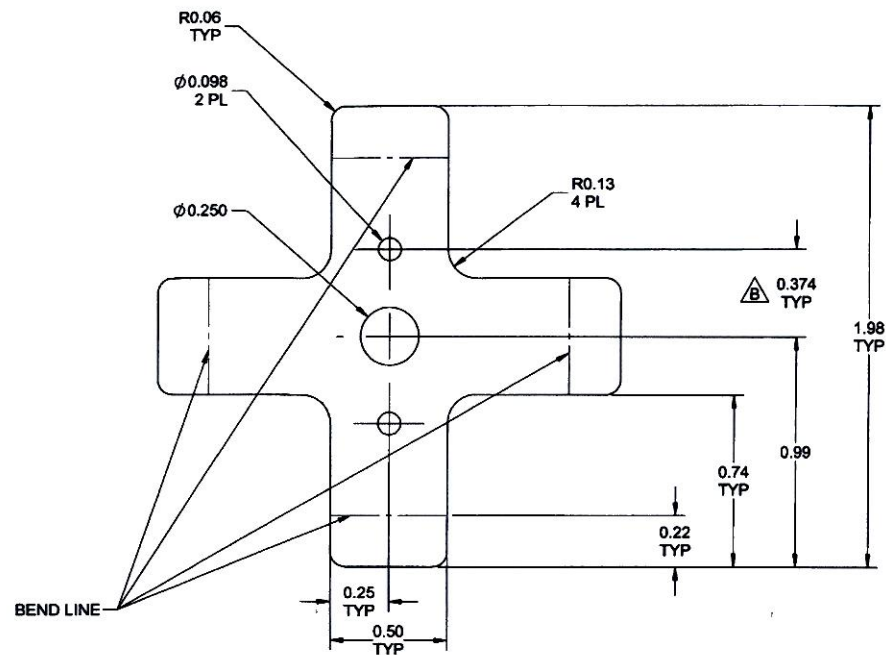
D5208-3 GUIDE

NOTES:

- 1) MATERIAL: MAKE FROM D5208-3F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

APPROVED

DESIGN	AK	DART AEROSPACE LTD	
DRAWN	AK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	JLM	D5208	SHEET 3 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	BLANKING PLATE	
DATE	15.06.11	COPYRIGHT © 2015 BY DART AEROSPACE LTD	
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D5208-3F FLAT PATTERN

RELEASED
2015 JUN 22 A.L.

NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET, 24 GAUGE
ANNEALED
PER MIL-S-5059 OR AMS 5513 (304)
OR AMS 5524 (316) OR ASTM A240 OR ASME SA240
REF DART SPEC M304S24GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.01 lbs

APPROVED	DESIGN	AK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	DRAWN	AK		
	CHECKED	VS	DRAWING NO. D5208	REV. B
	MFG. APPR.	JLM	SHEET 4 OF 4	
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	BLANKING PLATE	NTS
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